

Code	Type	Material		Surface Treatment	Accessories
		Main Body	Disc		
DEG01	Clamping	Single Disc	Aluminum	Stainless Steel	Anodize
DEG11		Double Disc	Aluminum Alloy	Stainless Steel	Hex Socket Head Cap Screw

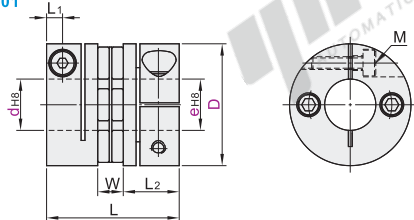


Features :

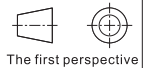
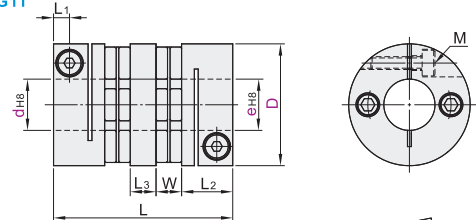
- With high torsional rigidity, It can accurately control the rotation of shaft with high precision.
- Use friction knot junction for transmission, no clearance, which is the best for ultra-precision control.
- The stainless steel disc allows eccentricity, and angular misalignment, and end-play.
- Identical clockwise and anticlockwise rotational characteristics.

ⓘ The surface treatment of some products is pearl nickel plating, please consult our staff for details.

Single Disc
DEG01



Double Disc
DEG11



ⓘ There maybe some marks on the surface due to the manufacturing process.

ⓘ When eccentricity, deflection angle and axial displacement are occurred simultaneously, The allowable value will be reduced.

The first perspective

Part Number		d-e																																		
Code	D																																			
Single Disc DEG01	19	d	3				4				5				6				6.35		7		8													
		e	3	4	5	6	6.35	7	8	4	5	6	6.35	7	8	6	6.35	7	8	6.35	7	8	8													
	26	d	4				5				6				6.35		7		8		9		9.525		10		11									
		e	4	5	6	6.35	7	8	5	6	6.35	7	8	6	6.35	7	8	9	9.525	8	9	9.525	9	9.525	9.525	10	10	11	11							
	29	d	5				6				6.35		8		10		11		12		14															
		e	5	6	6.35	8	10	11	12	14	6	6.35	8	10	11	12	14	8	10	11	12	14	11	12	14	12	14	14								
	34	d	5				6				6.35		7		8		9		9.525		10		11		12		12.7		13		14		15			
		e	5	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	14	15	15	15				
	39	d	8				9				9.525		10		11		12		12.7		13		14		15		16									
		e	8	9	9.525	10	11	12	12.7	13	14	15	16	9	9.525	10	11	12	12.7	13	14	15	16	10	11	12	12.7	13	14	15	16	16				
	44	d	8				9				9.525		10		11		12		12.7		13		14		15		16		17		18		19		20	
		e	8	9	9.525	10	11	12	12.7	13	14	15	16	9	9.525	10	11	12	12.7	13	14	15	16	10	11	12	12.7	13	14	15	16	17	18	19	20	
	56	d	12				12.7				13				14		15		16		17		18		19		20		22		24		25			
		e	12	12.7	13	14	15	16	17	18	19	20	22	24	25	13	14	15	16	17	18	19	20	22	24	25	20	22	24	25	25	25				
	68	d	14				15				16		17		18		19		20		22		24		25		28		30							
		e	14	15	16	17	18	19	20	22	24	25	28	30	15	16	17	18	19	20	22	24	25	28	30	24	25	28	30	28	30	30				
	82	d	24				25				28		30		32		35																			
		e	24	25	28	30	32	35	25	28	30	32	35	28	30	32	35	30	32	35	32	35	35													
Double Disc DEG11	19	d	3				4				5				6				6.35		7		8													
		e	3	4	5	6	6.35	7	8	4	5	6	6.35	7	8	6	6.35	7	8	6.35	7	8	8													
	26	d	4				5				6				6.35		7		8		9		9.525		10		11									
		e	4	5	6	6.35	7	8	9	9.525	10	11	5	6	6.35	7	8	9	9.525	8	9	9.525	9	9.525	9.525	10	10	11	11							
	29	d	5				6				6.35		8		10		11		12		14															
		e	5	6	6.35	8	10	11	12	14	6	6.35	8	10	11	12	14	8	10	11	12	14	11	12	14	12	14	14								
	34	d	5				6				6.35		7		8		9		9.525		10		11		12		12.7		13		14		15			
		e	5	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	14	15	15	15				

Economy Type Disc Couplings

Clamping

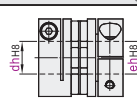
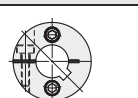
Single Disc/Double Disc

Couplings
Universal Joints

Part Number		d-e																																			
Code	D																																				
39	d	8				9				9.525				10		11		12		12.7		13		14		15		16									
	e	8	9	9.525	10	11	12	12.7	13	14	15	16	9	9.525	10	11	12	12.7	13	14	15	16	13	14	15	16	15	16	16								
44	d	8				9				9.525				10		11		12		12.7		13		14		15		16		17		18		19		20	
	e	8	9	9.525	10	11	12	12.7	13	14	15	16	9	9.525	10	11	12	12.7	13	14	15	16	13	14	15	16	15	16	17	18	19	20	18	19	20	20	
	e	12	12.7	13	14	15	16	17	18	19	20	20	12	12.7	13	14	15	16	17	18	19	20	15	16	17	18	19	20	17	18	19	20	18	19	20	20	
56	d	12				12.7				13				14		15		16		17		18		19		20		22		24		25					
	e	12	12.7	13	14	15	16	17	18	19	20	20	12	12.7	13	14	15	16	17	18	19	20	15	16	17	18	19	20	22	24	25	25	25	25			
	e	15	16	17	18	19	20	20	22	24	25	25	15	16	17	18	19	20	22	24	25	25	20	22	24	25	20	22	24	25	25	25	25	25	25		
68	d	14				15				16				17		18		19		20		22		24		25		28		30							
	e	14	15	16	17	18	19	20	22	24	25	25	14	15	16	17	18	19	20	22	24	25	20	22	24	25	20	22	28	30	30	30	30	30			
	e	18	19	20	22	24	25	25	28	30	30	30	18	19	20	22	24	25	25	28	30	30	24	25	28	30	24	25	28	30	30	30	30	30	30		
82	d	24				25				28				30		32		35																			
	e	24	25	28	30	32	35	35	35	35	35	35	24	25	28	30	32	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35			

Part Number		L	L ₁	L ₂	L ₃	W	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Static Torsional Rigidity (N·m/rad)	Allowable Mounting Deviation			Weight (g)
Code	D													Radial (mm)	Angular (°)	Axial (mm)	
Single Disc DEG01	19	19.25	3.1	9.0		1.25			0.8	1.6		0.58×10 ⁻⁵	580			±0.10	11
	26	23.5	3.3	10.5		2.5	M2.5	1.0	1.5	3		2.26×10 ⁻⁵	950	0.02	1	±0.15	25
	29	26.5	3.75	12					3	6		4.10×10 ⁻⁶	1350	0.15	2	±0.30	43
	34	27.35	4.0	12.0		3.35	M3	1.5	4	8		8.02×10 ⁻⁶	2000			±0.20	49
	39	34.35			—	4.35			6	12	10000	1.80×10 ⁻⁵	4500			±0.25	82
	44	34.6	5.0	15.0		4.6	M4	3.4	10	20		2.85×10 ⁻⁵	5200	0.02	1	±0.30	100
	56	45.25	6.6	20.0		5.25	M5	7.0	25	50		8.96×10 ⁻⁵	11000			±0.40	222
	68	53.8	7.6	24.0		5.8	M6	14.0	60	120		2.59×10 ⁻⁴	19000			±0.45	389
Double Disc DEG11	82	68.0	9.3	30.0		8	M8	30.0	100	200		7.10×10 ⁻⁴	22000			±0.55	727
	19	26.5	3.0	9.0	6.0	1.25			0.8	1.6		0.78×10 ⁻⁵	430	0.11	1	±0.20	15
	26	33.5	3.3	10.5	7.5	2.5	M2.5	1.0	1.5	3		3.30×10 ⁻⁶	700	0.15	(One side)	±0.30	35
	29	35.7	3.75	12	6.7				3	6		5.50×10 ⁻⁶	1200		2	±0.30	43
	34	38.2	4.0	12.0	7.5	3.35	M3	1.5	4	8		1.05×10 ⁻⁵	1700	0.18		±0.36	61
	39	47.7				4.35			6	12	10000	2.57×10 ⁻⁵	2500	0.22		±0.50	115
	44	48.2	5.0	15.0	9.0	4.60	M4	3.4	10	20		4.25×10 ⁻⁵	3000	0.24	1	±0.60	140
	56	62.5	6.6	20.0	12.0	5.25	M5	7.0	25	50		1.33×10 ⁻⁴	8500	0.28	(One side)	±0.80	307
	68	73.6	7.6	24.0	14.0	5.80	M6	14.0	60	120		3.67×10 ⁻⁴	12000	0.32		±0.90	535
	82	98.0	9.3	30.0	22.0	8.00	M8	30.0	100	200		1.03×10 ⁻³	15000	0.52		±1.00	981

① Inertia moment and weight values are for cases of maximum shaft diameter.

Alterations	Change Shaft Bore Dia.(d/e)				Keyway Machining(d Side)				Keyway Machining(e Side)			
Code	dh() eh()				DC				DD			
Spec.												
	Ordering Code dh3.1 eh4.5 ① 0.1 mm Inc. ② dhseh ③ In selection, d(e) must be changed to dh(eh).				Ordering Code DC ① Cannot be combined with shaft bore change (dh,eh) alterations.				Ordering Code DD ① Cannot be combined with shaft bore change (dh,eh) alterations.			

① Keyway machining can be selected only when the hole diameter is ≥ 6.

Optional Processing

Part Number	d-e		Part Number	d-e		Optional Processing Code
Code	D		Code	D		
DEG01	19	3 4 5 6 6.35 7 8	DEG01	19	3 4 5 6 6.35 7 8	dh() eh() DC DD

DEG01—D19—d3—e7

DEG01—D19—d3—eh7.1



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Delivery
4



Please order as shown